

Amendments to the Specification:

On pages 3-4, please replace the paragraph bridging pages 3-4 with the following rewritten paragraph:

--Fig. 1 shows the beam path of a confocal microscope having a deflection optical system for observing internal surfaces of cylinders. The horizontal lens (1) is screwed into a horizontal positioning element (3), here a piezo setting element. Lens (1) may be a standard lens having an equilization length of 45 mm or less. The beam is deflected by means of a prism (2) having a mirrored hypotenuse. In order to save construction space, the reflection angle deviates from the perpendicular by 6 degrees. The tube (8) is attached to the microscope body (9) close to the Nipkow disk (4) that lies in the first image. The microscope body consists essentially of a motor-driven rotating Nipkow disk (4), a beam splitter (5), as well as a light source (6) and a CCD camera (7).--